

# Work Order ID 91272

October-05-12 9:15:16 AM

**\*91272\***

Page 1

Item ID: 647.4717 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Clip Aft LH  
 Start Date: 10/05/12 Start Qty: 15.00 **\*15\*** Cust Item ID:  
 Required Date: 10/31/12 Req'd Qty: 15.00 **\*15\*** Customer:  
 Reference:

Approvals: Process Plan: MLS Date: 12-10-05 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
647.4700	N/C

110

0.00

**\*110\***

Waterjet

FLOW CNC Waterjet

2021.040

Memo

1-Cut as per Dwg

Dwg Rev: N/C

Prog Rev: N/C

2-Deburr if necessary

0.00

1/6 V 0 Jm 12-10-14

120

QC2- Inspect parts off machine FAI/FAIB

0.00

**\*120\***

QC

Quality Control

Memo

0.00

1/6 V 0 Jm 12-10-14

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Page 2

Item ID: 647.4717 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Clip Aft LH  
 Start Date: 10/05/12 Start Qty: 15.00 **\*15\*** Cust Item ID:  
 Required Date: 10/31/12 Req'd Qty: 15.00 **\*15\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> QC Quality Control	QC8- Inspect parts - second check  Memo	0.00 Smb 12/10/13 0.00				<u>15</u>			
140 <b>*140*</b> Brake NC Brake NC	Bend as per dwg  Memo	0.00 0.00				<u>16</u>			Sb 12/10/16
150 <b>*150*</b> QC Quality Control	QC5- Inspect part completeness to step on W/O  Memo	0.00 Smb 12/10/17 0.00				<u>16</u>			

# Work Order ID 91272

October-05-12 9:15:16 AM

\*91272\*

Page 3

Item ID: 647.4717 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Clip Aft LH  
 Start Date: 10/05/12 Start Qty: 15.00 \*15\* Cust Item ID:  
 Required Date: 10/31/12 Req'd Qty: 15.00 \*15\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 *160* Outsource4 Outsource process - Anodize	Outsource process-Anodize per QSI017 4.1.10.1  Memo HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	0.00  0.00		210.18153				12/10/17	(15)
170 *170* Packaging Packaging	Receive & Inspect for Damage & Mat'l Certs  Memo	0.00  0.00						12/11/17	(15)
180 *180* QC Quality Control	QC5- Inspect part completeness to step on W/O  Memo	0.00  0.00						18	DAS 05 9-8 12/11/07

# Work Order ID 91272

\*91272\*

Page 4

October-05-12 9:15:16 AM

Item ID: 647.4717 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Clip Aft LH  
 Start Date: 10/05/12 Start Qty: 15.00 \*15\* Cust Item ID:  
 Required Date: 10/31/12 Req'd Qty: 15.00 \*15\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
190		0.00							
*190*						15	0	0	AB
SprayPaint	Memo	0.00							12-11-17
Spray Painting	PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2)								
	CARDINAL 4860-50 PRIMER BATCH: 122543								
200	QC14- Inspect Spray Paint	0.00							
*200*									
QC	Memo	0.00							
Quality Control									
210	Identify as per dwg & Stock Location: 435	0.00							
*210*									
Packaging	Memo	0.00							
Packaging	***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***								

**Work Order ID 91272**

October-05-12 9:15:16 AM

**\*91272\***

Page 5

Item ID: 647.4717

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Item Name: Clip Aft LH

Stop **\*NS2\***

Start Date: 10/05/12 Start Qty: 15.00

**\*15\***

Cust Item ID:

Required Date: 10/31/12 Req'd Qty: 15.00

**\*15\***

Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

220

QC21- Final Inspection - Work Order Release

0.00

**\*220\***

QC

Memo

0.00

Quality Control

12/11/22 *[Signature]*  
mf  
12-11-21

# Picklist Print

October-05-12 9:15:16 AM

Page 1

Work Order ID: 91272  
 Parent Item: 647.4717  
 Parent Item Name: Clip Aft LH

Start Date: 10/05/12 Required Date: 10/31/12  
 Start Qty: 15.00 Required Qty: 15.00

Comments: IPP REV:A 12.09.19 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M2024T3S.040 2024-T3 .040 sheet		Purchased	No			110	sf	237.0112	0.027	<del>0.4263</del> 158			

Jan 12-10-14

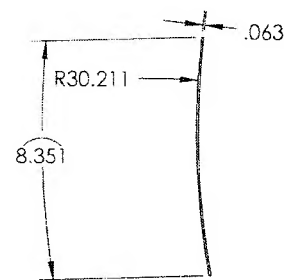
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MAT022	237.0111626	
120605	32.9127416	
121197	32.498421	
122136	23.7	
123217	147.9	

123217

NOTES: UNLESS OTHERWISE SPECIFIED

- SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 91272 100

12-10-05



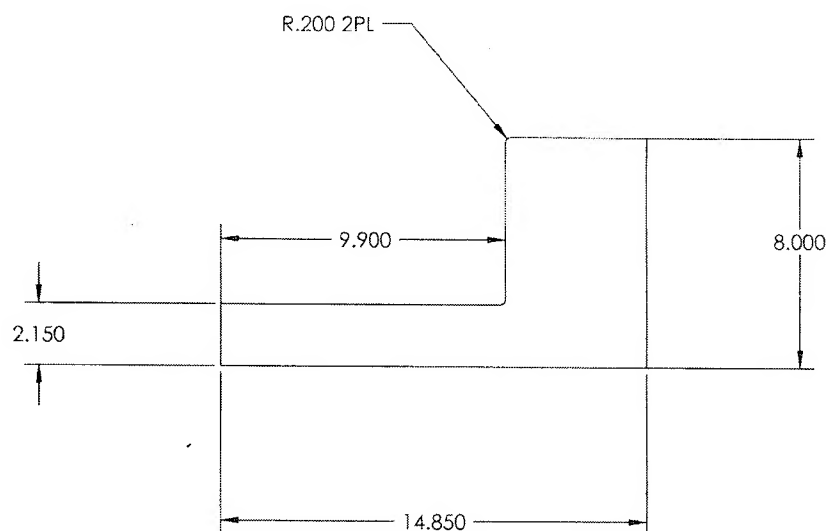
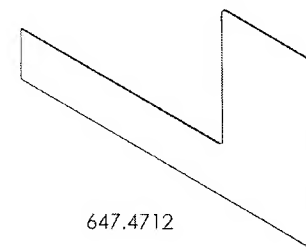
647.4711

	1	647.4719	CLIP FWD	△	△
	1	647.4718	CLIP AFT RH	△	△
	1	647.4717	CLIP AFT LH	△	△
	1	647.4716	SPACER	△	△
	1	647.4715	CLIP RH	△	△
	1	647.4714	CLIP LH	△	△
	1	647.4713	BRACKET	△	△
	1	647.4712	DOUBLER	△	△
	1	647.4711	DOUBLER	△	△
		PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST		
NEXT ASSY (S)			APICAL INDUSTRIES		
647.2600	CPM/KR/DAE DRAWING NO. 1000000 DESIGNED BY A. DIXON CHECKED BY J. TAPPEL APPROVAL P. B. BAYARD CONTRACT NO.		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300		
UTILITY CHANGES SPEC'D BY FIELD WORKING ARE IN RED 1. PLACE DIMENSIONS 2. PLACE DIMENSIONS 3. PLACE DIMENSIONS 4. PLACE DIMENSIONS			SHEETMETAL SEX CAGE CODE DWG NO. 647.4700 B 07M26 SCALE NONE		
			REV N/A 1 OF 7		

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BYEZOS			
REV.	DESCRIPTION	DATE	APPROVED

91272



ORIGINAL DATE: 10/12/09 DRAWN BY: J. CHART CHECKED BY: D. RADEP DRAWING APPROVAL: [Signature] CONTRACT NO.:			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ±.01 ANGLES ±.5°			
REV.	CAGE CODE	QING NO.	REV.
B	07M26	647.4700	N/C
SCALE: NONE			SHEET 2 OF 7

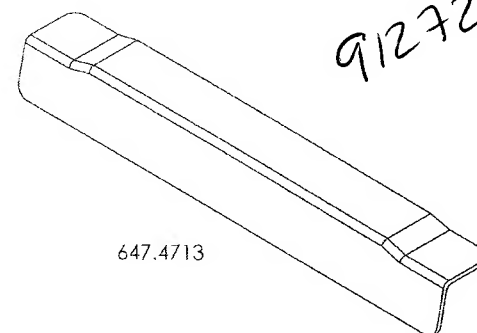
**APICAL INDUSTRIES**  
 2608 TEMPLE HEIGHTS DR.  
 OCEANSIDE, CA. 92056-3512 (760) 724-5300

**SHEETMETAL**

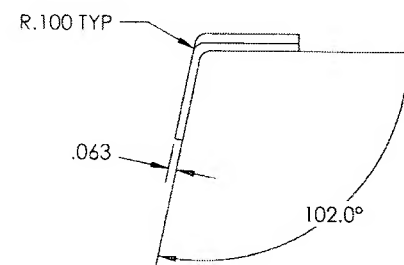
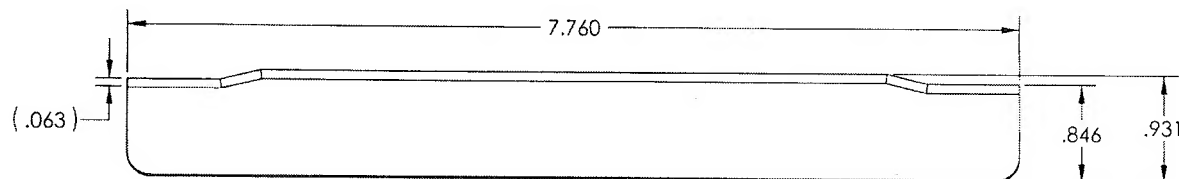
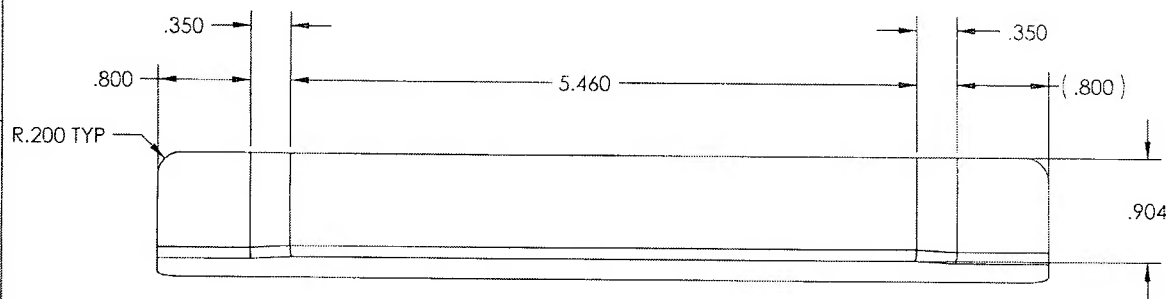


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REV	DESCRIPTION	DATE	APPROVED



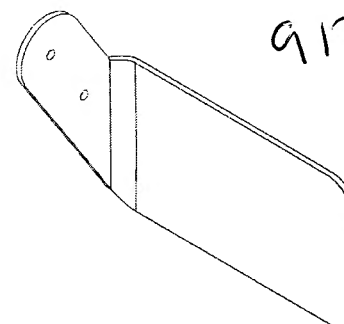
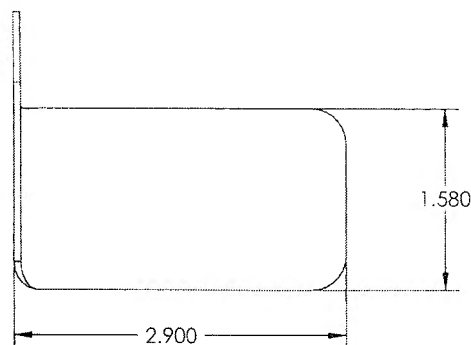
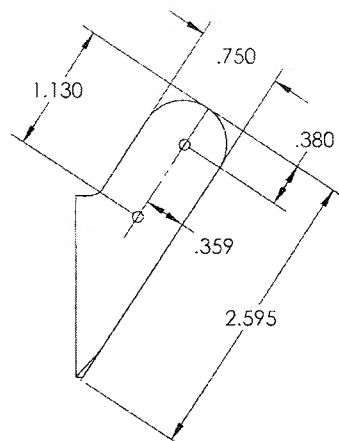
647.4713



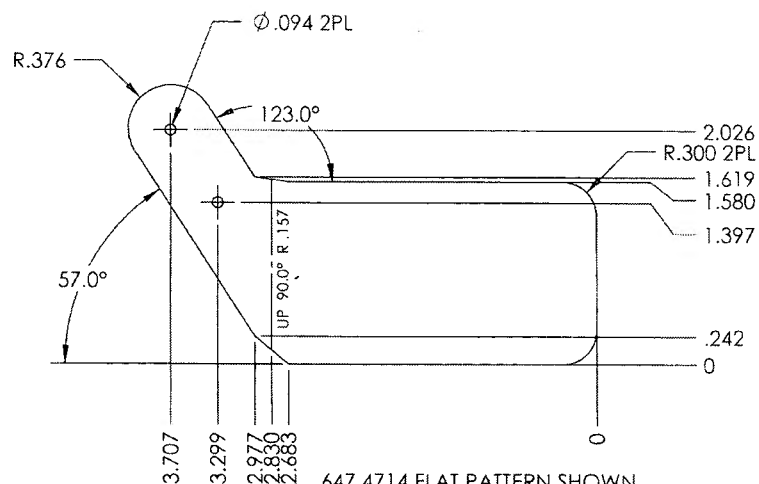
DPC: M, DATE 1/10/00		<b>APICAL INDUSTRIES</b> 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY: J. CRUISE CHECKED: D. BARBER DRAWING APPROVAL: P. BRADY 1/11/00 CONTRACT NO.:	REV. 1 07/02/00 SCALE: NONE	DWG. NO. <b>647.4700</b>	REV. N/C SHEET 3 OF 7

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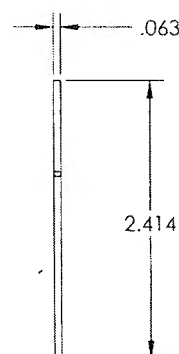
REV	DESCRIPTION	DATE	APPROVED



647.4714 SHOWN  
647.4715 OPPOSITE



647.4714 FLAT PATTERN SHOWN  
647.4715 BEND DOWN



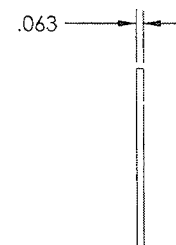
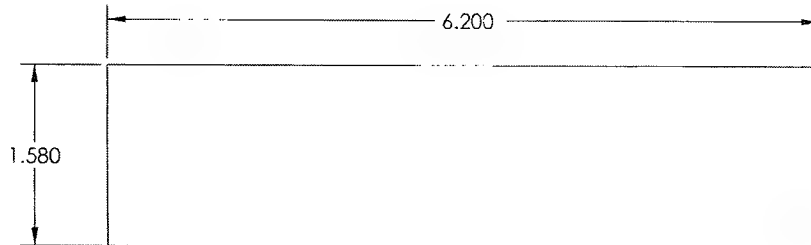
OFFICIAL DATE INCORPORATED A. QUAN DRAWING APPROVAL P. ELLIS CONTRACT NO.	<b>APICAL INDUSTRIES</b> 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300  <b>SHEETMETAL</b>	REV. 8 DATE CODE 07M26 SCALE NONE	DWG. NO. 647.4700 PREV. N/C SHEET 4 OF 7
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ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES  
 DIMENSIONS ARE APPROXIMATE AND NOT TO SCALE  
 NO PARTIAL DIMENSIONS OF APICAL INDUSTRIES SHALL BE USED

REV	DESCRIPTION	DATE	APPROVED

91272

647.4716

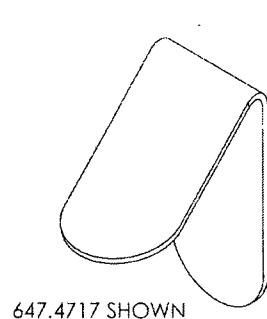


ORIGINAL DATE 10/13/09 DRAWN BY A. L. L. L. L. CHECKED BY J. L. L. L. L. CONTRACT NO. 647.4700	<b>APICAL INDUSTRIES</b> 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056 3512 (760)724-5300 <b>SHEETMETAL</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ARE TO .001 FRACTIONS ARE TO 1/16 ANGLES ARE TO 1/2	SHEET 5 OF 7

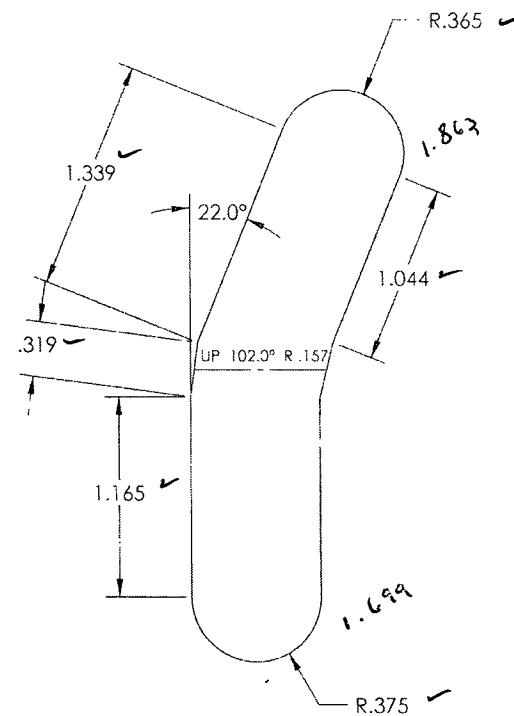
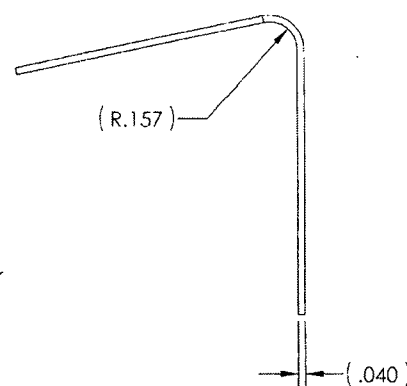
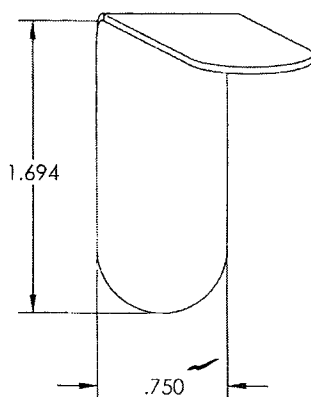
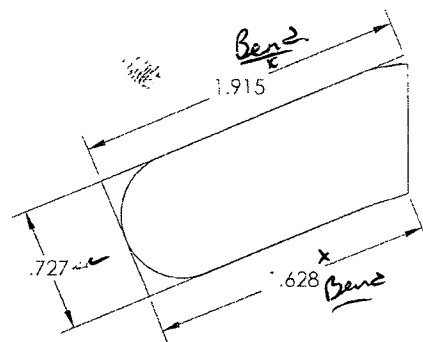
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REV	DESCRIPTION	DATE	BY

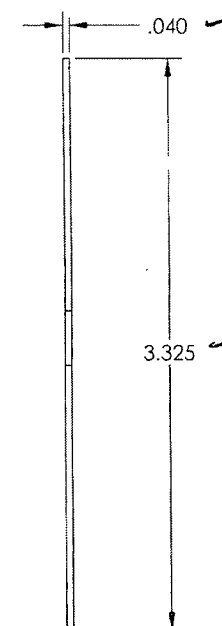
91272



647.4717 SHOWN



647.4717 FLAT PATTERN SHOWN  
 647.4718 BEND DOWN

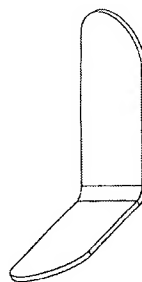
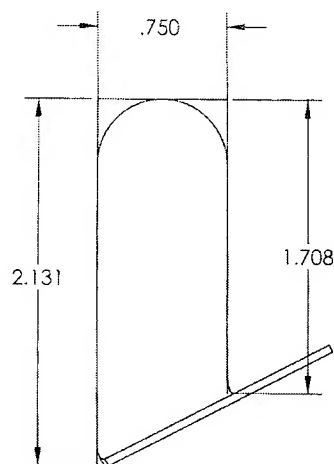


ORIGINAL DATE JAN 11-10	BY TJS	APICAL INDUSTRIES	
DRAWN BY K. DASH	CHECKED BY D. MARRIS	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL BY CONTRACTING		SHEETMETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS 1/16, 1/8, 3/16, 1/2, 5/8, 3/4, 7/8 DECIMALS .01, .03, .0625, .125, .1875, .25, .3125, .375, .4375, .5, .5625, .625, .6875, .75, .8125, .875, .9375, 1.0 ANGLES ± .5°		SET B	CAGE CODE 07M26
		PKG. NO. 647.4700	REV. N/C
		SCALE NONE	SHEET 6 OF 7

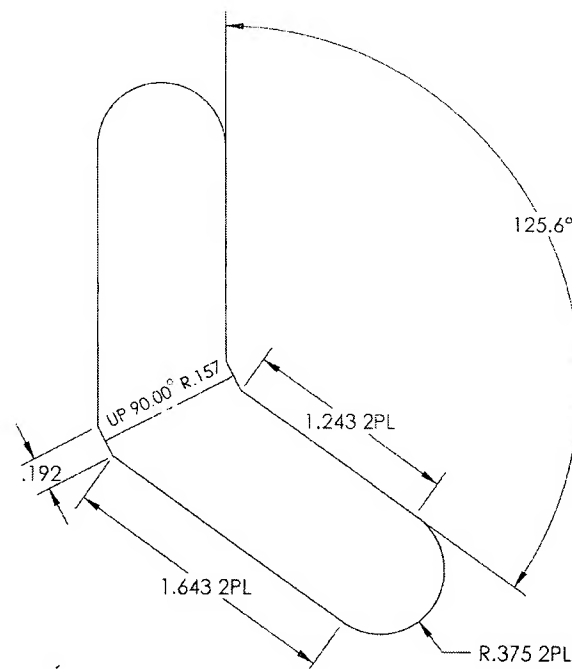
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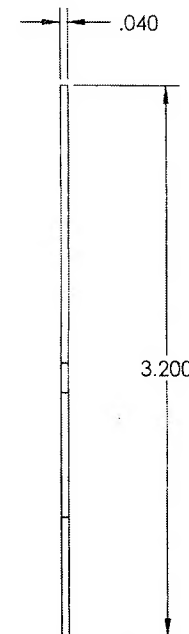
91272



647.4719



647.4719 FLAT PATTERN



ORIGINAL DATE (JULY 04-19) 1673.02		APICAL INDUSTRIES	
DRAWN BY A. CASH 10-20-02		2608 TEMPLE HEIGHTS DR	
DESIGNED APPROVAL P. BRANN (1673.02)		OCEANSIDE, CA 92056-3512 (760)724-5300	
CORPORATE file		SHEETMETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1. PLACE DECIMALS ±.01 2. PLACE DECIMALS ±.005 ANGLES ±.5°			
REV	CAGE CODE	QTY	REV
B	07MA26	647.4700	N/C
SCALE: NONE		SHEET 7 OF 7	





A.T.G. Industries Inc.  
731, rue Industrielle Rd.  
PLATING DEPARTMENT  
Rockland, On K4K 1T2  
Canada  
Ph: (613) 446-4544  
Fax: (613) 446-4556

### Pack List

Number: 62027

Date: 05-Nov-12

To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ship To


DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via
Quantity	Description	
	A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.	
	ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY	
	DATE : <u>5/12/12</u>	
	CERTIFIED SIGNATURE : <u></u>	
	RECEIVER SIGNATURE : _____	



A.T.G. Industries Inc.  
 731, rue Industrielle Rd.  
 PLATING DEPARTMENT  
 Rockland, On K4K 1T2  
 Canada  
 Ph: (613) 446-4544  
 Fax: (613) 446-4556

## Pack List

Number: 62027

Date: 05-Nov-12

To

DART AEROSPACE LTD  
 1270 ABERDEEN ST.  
 HAWKESBURY, ON K6A 1K7  
 Canada

Ship To

DART AEROSPACE LTD  
 1270 ABERDEEN ST.  
 HAWKESBURY, ON K6A 1K7  
 Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity	Description		
1 lot	Part: ASST 10 PCS 646.9813 10 PCS 646.9811 10 PCS 646.9812 10 PCS 646.9812 2 PCS 646.9811 15 PCS 646.4711 15 PCS 647.4716 15 PCS 647.4712 15 PCS 647.4717 15 PCS 647.4714 15 PCS 647.4715 15 PCS 647.4718 HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 Job: 20120674	Rev:	Line:
1 lot	Part: ASST 7 PCS 647.1810 14 PCS 647.1811 91 PCS 647.1812 2 PCS 647.1612 HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 Job: 20120673	Rev:	Line:
		Certificate of Conformance	